



Πάτρα, 25 Απριλίου 2018
Αριθμ. Πρωτ.: 893

Θέμα: Πρόσκληση εκδήλωσης ενδιαφέροντος για βοηθό ερευνητή

Ο Διευθυντής του ΙΤΕ/ΙΕΧΜΗ Βασίλειος Μπουργανός έχοντας υπόψη

1. Τον ν. 4310/2014 «Έρευνα, Τεχνολογική Ανάπτυξη και Καινοτομία και άλλες διατάξεις» όπως τροποποιήθηκε και ισχύει με τον ν.4386/2016 «Ρυθμίσεις για την έρευνα και άλλες διατάξεις»
2. Τον ν.4270/2014 «Αρχές δημοσιονομικής διαχείρισης και εποπτείας (ενσωμάτωσης της Οδηγίας 2011/85/ΕΕ) – δημόσιο λογιστικό» για τον έλεγχο των δαπανών βάσει του Προϋπολογισμού του ΙΤ
3. Το ΠΔ 432/1987 «Σύσταση νομικού προσώπου ιδιωτικού δικαίου με την επωνυμία «ΙΔΡΥΜΑ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΕΡΕΥΝΑΣ»
4. Τον Εσωτερικό Κανονισμό του ΙΤΕ (ΦΕΚ Β' 1584/31.07.2009) όπως τροποποιήθηκε και ισχύει (ΦΕΚ Β' 2193/31.12.2010)
5. Τον ν. 4412/2016 «Δημόσιες συμβάσεις έργων, προμηθειών και υπηρεσιών»
6. Τις διατάξεις του ΠΔ 80/2016 περί αναλήψεως υποχρεώσεων από τους Διατάκτες
7. Την απόφαση του Υπουργείου Παιδείας, Δια Βίου Μάθησης και Θρησκευμάτων με αριθμό 14534/17.12.2013 (ΦΕΚ ΥΟΔΔ 638/20.12.2013) για τον ορισμό Διευθυντή ΙΕΧΜΗ του ΙΤΕ
8. Την υπ. αριθ. 133654/2017 απόφαση του Υπουργού και Αναπληρωτή Υπουργού Παιδείας, Έρευνας και Θρησκευμάτων για την ανασυγκρότηση του ΔΣ του ΙΤΕ (ΦΕΚ ΥΟΔΔ 396/16.08.2017)
9. Την γενική πολιτική και τις σχετικές αποφάσεις του ΔΣ του ΙΤΕ
10. Την υπ' αριθμ. 374/27-6/24.4.2018 απόφαση του ΔΣ/ΙΤΕ με την οποία εγκρίνεται η εκτέλεση του έργου

αποφασίζει

α) την προκήρυξη πρόσκλησης εκδήλωσης ενδιαφέροντος για μια θέση βοηθού ερευνητή με αντικείμενο **“Characterization of novel graphene/polymer masterbatches (MBs) and hierarchical Graphene Related Material (GRM) composites”** στο πλαίσιο του ερευνητικού έργου **“Graphene Flagship Core Project 2, GA: 785219”**, το οποίο πραγματοποιείται στο πλαίσιο του προγράμματος Ορίζοντας 2020: Research & Innovation Actions (RIA) και χρηματοδοτείται από την κοινοπραξία Graphene Flagship,

β) να δοθεί δημοσιότητα στην ως άνω πρόσκληση με την ανάρτηση του κειμένου στο Δικτυακό τόπο του ΙΤΕ/ΙΕΧΜΗ (<http://www.iceht.forth.gr>) και στο Δικτυακό τόπο <http://ec.europa.eu/euraxess/#> για το διάστημα από 25/4/2018 έως και 10/5/2018.

Ο Διευθυντής
Βασίλειος Μπουργανός





Patras, 25 April 2018

Ref. No.: 893

**Invitation for Expression of Interest:
Research Assistant “Characterization of novel graphene/polymer masterbatches (MBs) and hierarchical
Graphene Related Material (GRM) composites”**

The Institute of Chemical Engineering Sciences, Foundation of Research and Technology - Hellas, (FORTH/ICE-HT) is seeking applicants for one position of a research assistant in the context of the research project “**Graphene Flagship Core Project 2, GA: 785219**”. The project is implemented under the EU-Horizon 2020 Research & Innovation Actions (RIA) and is financially supported by EC-financed parts of the Graphene Flagship.

Job Description

The research strategy of this project is to combine continuous feedback from large industrial end-users (market pull) with the state-of-the-art knowledge of how to select, process and use GRMs developed by the Graphene Flagship (technology push).

GRM composites will be produced by SMEs and academic partners skilled in this field, using graphene and other 2D materials. These composites will be tested by large multinational end-users with the aim of ensuring a rapid implementation of the selected materials into large-scale production. Application of GRMs in all main classes of composites (with thermoplastics, thermosets, and elastomers, inorganic) will be pursued

Thus, the potential candidate should be able to perform characterization tests, based on Raman and scanning probe techniques but also to develop characterization procedures for the GRM depending on their potential applications. In parallel, he/she should work in collaboration with the research fellows and assistants of the group for accomplishing the corresponding tasks and subtasks of the project.

Location: FORTH/ICE-HT, Patras, Greece

Duration: 10 months, with a potential of renewal, under the same conditions, according to the needs of the project

Salary: up to 2.565 € per month total cost (VAT included & insurance), depending on qualifications

Envisaged starting date: 01/06/2018

Requirements and Qualifications

The candidates are required to hold a Diploma in Chemical Engineering, or/and Physics, or/and Chemistry, or/and Materials Science. Moreover, the candidates must be fluent in Greek and English, in order to meet working conditions. The appropriate candidate should have:

- a) Previous research experience in an industrial environment, which is strongly required (at least 3 years)
- b) Experience in the preparation and characterization of materials, especially in graphene and other 2D related materials
- c) A great scientific background in materials, especially in 2D related materials
- d) Analytical thinking
- e) Strong personality and good communication skills
- f) Be a flexible and reliable person
- g) Be capable of autonomous working

The evaluation of the candidacies will be based on the following criteria and qualifications:



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Qualifications	Weight	Evaluation criteria
Diploma in Chemical Engineering	30	Grade Diploma, courses in Polymers and Surfaces
Awards of excellence	10	Number and type of awards
Proven industrial experience (minimum 3 years) in tandem with research and lab experience in : (i) Metrology and standardization methodologies, (ii) Characterization techniques	50	Duration of proven research experience in industry and in research groups and projects
Research interests	10	Relevance, plans and potential

Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 10/5/2018, 23:59h., by email to Kleanthi Zacharopoulou: kleanthi@iceht.forth.gr

In order to be considered, the application must include:

- Application letter
- CV
- Scanned copies of academic titles
- Statement of research interests

Any application received after the deadline will not be considered for the selection.

Selection Procedure

Applications that are received on time will be evaluated by a scientific committee using the criteria mentioned above. If necessary, certain candidates will be invited to a personal interview with the committee.

The outcome of the selection will be announced on the website of FORTH/ICE-HT as well as on the website of "DIAVGEIA".

The selected candidate will be notified and asked to accept the position within three (3) working days and to present all relevant documents that should match the submitted ones.

Contact

For information and questions regarding the application and selection procedure, candidates are asked to contact the FORTH/ICE-HT Research Secretariat, e-mail: kleanthi@iceht.forth.gr, tel.: +30 2610 965278.

For information and questions about the advertised position and the research activity of the group or the Institute, candidates are asked to contact Professor Costas Galiotis, tel: +30 2610 965255, e-mail: c.galiotis@iceht.forth.gr.

For FORTH/ICE-HT,

Vasilis Burganos, Director

